

Columbia University
Department of Biological Sciences
Nineteenth Annual
Stephen M. Schuetze Memorial Lecture
*“NEURAL MECHANISMS FOR DYNAMIC ACOUSTIC
COMMUNICATION IN FLIES”*

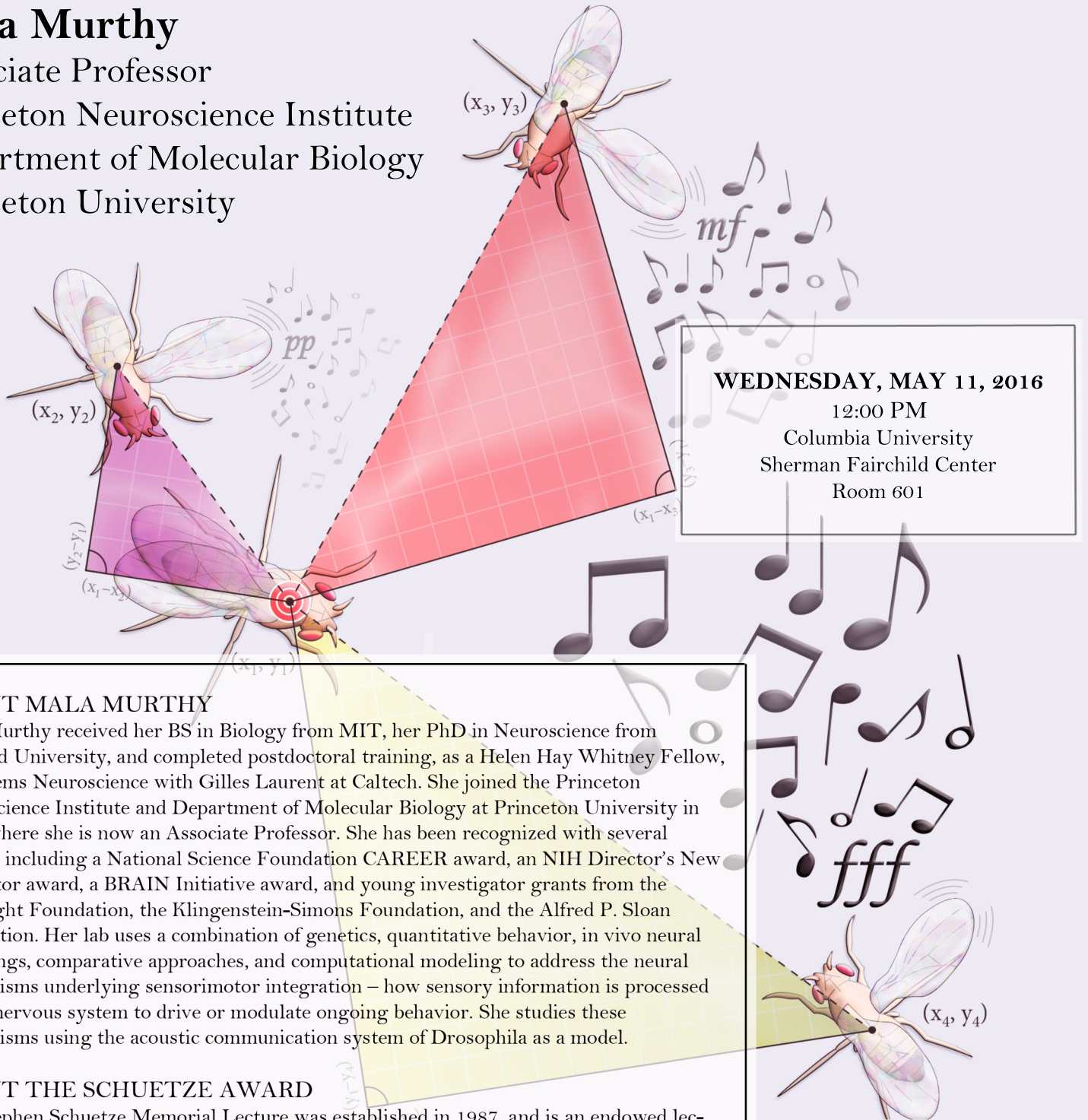
Mala Murthy

Associate Professor

Princeton Neuroscience Institute

Department of Molecular Biology

Princeton University



WEDNESDAY, MAY 11, 2016

12:00 PM

Columbia University
Sherman Fairchild Center
Room 601

ABOUT MALA MURTHY

Mala Murthy received her BS in Biology from MIT, her PhD in Neuroscience from Stanford University, and completed postdoctoral training, as a Helen Hay Whitney Fellow, in Systems Neuroscience with Gilles Laurent at Caltech. She joined the Princeton Neuroscience Institute and Department of Molecular Biology at Princeton University in 2010, where she is now an Associate Professor. She has been recognized with several awards, including a National Science Foundation CAREER award, an NIH Director's New Innovator award, a BRAIN Initiative award, and young investigator grants from the McKnight Foundation, the Klingenstein-Simons Foundation, and the Alfred P. Sloan Foundation. Her lab uses a combination of genetics, quantitative behavior, in vivo neural recordings, comparative approaches, and computational modeling to address the neural mechanisms underlying sensorimotor integration – how sensory information is processed by the nervous system to drive or modulate ongoing behavior. She studies these mechanisms using the acoustic communication system of *Drosophila* as a model.

ABOUT THE SCHUETZE AWARD

The Stephen Schuetze Memorial Lecture was established in 1987, and is an endowed lecture made possible by a generous gift from his widow, Roberta Pollock. The Lectureship seeks to bring young neurobiologists to the Columbia community to present their work.